

## **A SYSTEM AND METHOD FOR SUPPLY DISTRIBUTION**

### **ABSTRACT**

A system and method for distributing a supply to plurality of machinery or appliances. The supply may be any of oil, gas, electrical power, water, heated and cooled air, etc. the plurality of appliances can include any of gas and oil powered devices, electrical devices, rooms having HVAC ductwork, etc. The distribution of the operating supply is provided by prioritizing the appliances with a predetermined priority. The appliances are connected in a series connection in order of priority. When any appliance is determined to be in an “ON” state of operation subsequently connected appliances are prevented from operating. Alternatively, when more than one appliance is able to operate simultaneously using the operating supply, the appliances may be divided into a plurality of groups. The plurality of groups include a group for each possible combination of appliances and each group is prioritized. Operating supply is provided to the group having the highest priority with all appliances in the group being determined to be in an “ON” state of operation.